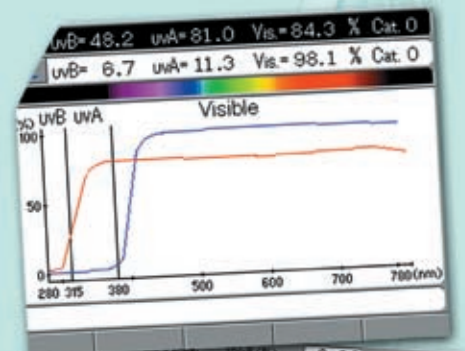


Computerised Lensmeter CL-2800



Category	UV-B (%)	UV-A (%)	Visible (%)	Category
G	12.00	0.00	7.00	0
Requirements for Driving				
Visible > 3%	<input checked="" type="checkbox"/>			
Visible > 8%	<input checked="" type="checkbox"/>			
T ≥ 0.2 Visible	<input checked="" type="checkbox"/>			
Visible ≥ 75%	<input checked="" type="checkbox"/>			

0.12	0.88
RED ≥ 0.8	0.97
YELLOW ≥ 0.8	1.03
GREEN ≥ 0.6	1.01
BLUE ≥ 0.4	

Suitable for most driving conditions
 Not recommended for night driving
 Not suitable for most driving conditions



A COMPACT MULTI-FUNCTIONAL LENSMETER BASED ON CUTTING-EDGE OPTICAL AND ELECTRONIC TECHNOLOGIES



Computerized lensmeter **CL-2800**

Sophisticated software makes progressive lens measurement easier and faster than ever before.

Fast, Accurate Lens measurement

The new graphical interface makes it easier and faster than ever before to obtain measurement data on progressive lenses



The CL-2800 automatically distinguishes a progressive lens and shifts the display to an hourglass representation; simply align the lens with the (+) target.



As soon as the target is properly aligned, the lower section of the hourglass display darkens, indicating readiness to measure lens near power.



Move the lens table to align the glasses for measuring the near section of the lens. With multi-focal lenses, the column fills until a horizontal line appears, indicating establishment of the maximum prescribed ADD power. Now simply press the memory button to complete lens measurement, and repeat the procedure for the second lens.

Expanded display of measurement data

S.C.A. data can be displayed in larger figures for faster, and easier observation. Simply select Expanded or Normal data display from the Menu Box.



Blue: Alignment proceeding



Green: Alignment OK



Orange: Marking OK



Marking & PD measurement function

Lens marking and PD measurement functions for rapid final verification.



Compartment space

This convenient compartment provides you with extra space to keep printer paper, and the ink cartridge, readily available.

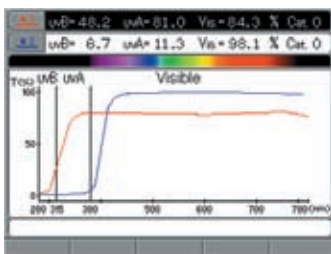


Single loading action printer

A newly designed printer box makes printer paper loading extremely smooth.



Integrated transmittance measuring function



To promote multi-coated UV protection lenses.

The spectral transmittance meter is designed to measure light wavelength transmission in all types of lens material. More importantly, it provides

an easy way for the consumer to understand the differences between multi-coated and UV protected sunglasses. A high-tech graphical display helps explain the benefits of UV protection to the eyeglass purchaser. It is ISO compliant covering all wavelengths in standard lens measurements.



Driving aptitude judgment

The integrated software provides data for the new driving conformity test which is based on the ISO-14889 Standard. It will provide additional opportunities for lens

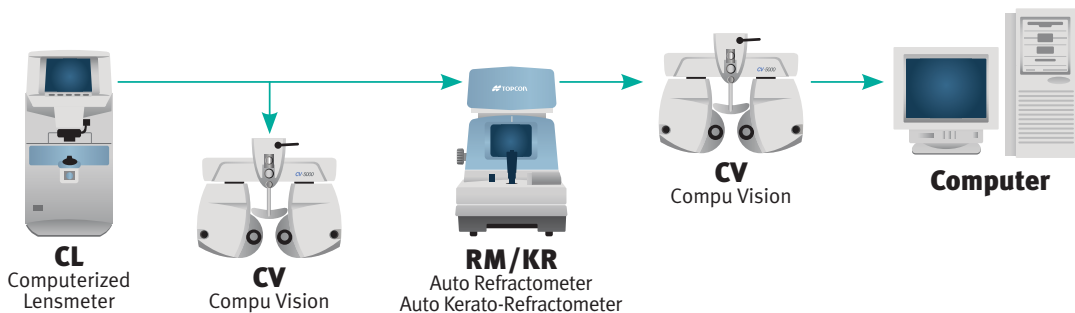
manufacturers and for independent optical shops. By using this software, you will have the opportunity to demonstrate to the customer the benefit of having two pairs of driving glasses. One pair of sunglasses for daytime driving and a second pair of glasses for nighttime driving.

Specifications

Measurement range	
Spherical Power	0 to ± 25 D (0,01/0,12/0,25D steps)
Cylinder Power	0 to ± 10 D (0,01/0,12/0,25D steps)
Cylinder Axis	1° to 180° (1° step)
Add Power	0 to + 10 D (0,01/0,12/0,25D steps)
Prismatic Power	0 to 10 Δ (0,12 Δ /0,25 Δ steps)
Light Source	Led 620 nm
Lens diameter	\varnothing 5 to 98 mm
Monitor Indication	320 x 240 dot Lcd display Single/Right-Left / S.C.A. Prism, Addition/Progressive/Abbe.
External Interface	RS-232C , USB
Power supply	AC 100,120,220 to 240V
Power consumption	50VA
Dimensions	230(W) x 295(D) x 435(H) mm
Weight	10kg

On-line System

Data can be transmitted to other TOPCON ophthalmic instruments, including Auto Refractometers, Auto Kerato-Refractometers and Computerized Vision Testers.



* Subject to change in design and/or specifications without advanced notice.

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

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